

Claims

1. Method for establishing a TrFO connection between two communication terminals (MS) in a communication network, characterized in that

in the event of a request sent from a switching unit (MSC) relating to the use of at least one subset of at least one codec mode configuration for the establishment of a transcoder-free operation connection, a radio network controller (RNC) checks whether the at least one requested subset is supported by the radio network controller (RNC). If the at least one subset of a codec mode configuration is supported by the radio network controller (RNC), a transcoder-free operation connection is established to the switching unit (MSC) and a communication terminal (MS) and at least one message relating to the subset of the codec mode configuration to be used is signaled from the radio network controller (RNC) to the communication terminal (MS) for the transmission of data.

2. Method according to claim 1,

characterized in that

at least a part of at least one message relating to the codec mode configuration to be used with at least two codec modes is signaled from the radio network controller (RNC) to the communication terminal (MS) for the transmission of data in the uplink direction.

3. Method according to claim 1 or 2,

characterized in that

at least a further part of at least one message relating to the at least one subset of a codec mode configuration to be used is signaled from the radio network controller (RNC) to

the communication terminal (MS) for the transmission of data in the uplink direction.

4. Method according to one of the preceding claims, characterized in that a radio network controller supports all the subsets of a supported codec mode configuration.

5. Method according to one of the preceding claims, characterized in that a transcoder-free operation connection is established from the radio network controller (RNC) to the communication terminal (MS) using a codec mode configuration supported by the radio network controller (RNC).

6. Method according to one of the preceding claims, characterized in that a codec mode configuration represents a combination of at least two codec modes.

7. Method according to one of the preceding claims, characterized in that the communication network is a cellular mobile radio network.

8. Method according to one of the preceding claims, characterized in that a radio resource control signaling is used by the radio network controller (RNC) for signaling to the communication terminal (MS).

9. Method according to one of the preceding claims, characterized in that a mobile radio terminal, mobile computer and/or mobile

organizer is used as the communication terminal.

10. Device for establishing a transcoder-free operation connection (TrFO) between two communication terminals (MS) in a communication network,

- with a send unit (S) and a receive unit (E) of a radio network controller (RNC) for mobile communication with further network units (MS, MSC),
- with a processing unit (V) in the radio network controller (RNC) to check a request sent from a switching unit (MSC) relating to the use of a subset of a codec mode configuration for the establishment of a transcoder-free operation connection to determine whether the requested subset is supported by the radio network controller (RNC),
- with a processing unit (V) in the radio network controller (RNC) for the establishment of a transcoder-free operation connection to the switching unit (MSC), if the subset of a codec mode configuration is supported by the radio network controller (RNC),
- with a processing unit (V) in the radio network controller (RNC) for signaling a message relating to the subset of the codec mode configuration to be used for the transmission of data via the send unit (S) to a communication terminal (MS).

11. Device according to claim 10,

characterized in that

the radio network controller (RNC) is provided to signal at least a part of at least one message relating to the codec mode configuration to be used with at least two codec modes for the transmission of data in the uplink direction to the communication terminal (MS).

12. Device according to one of claims 10 and 11,  
characterized in that  
the radio network controller (RNC) is provided to signal at  
least a further part of at least one message relating to the  
at least one subset of a codec mode configuration to be used  
for the transmission of data in the uplink direction to the  
communication terminal (MS).

13. Device according to one of claims 10 to 12,  
characterized in that  
a cellular mobile radio network is provided as the  
communication network.

14. Device according to one of claims 10 to 13,  
characterized in that  
a mobile radio terminal, mobile computer and/or mobile  
organizer is provided as the communication terminal.

15. Device according to one of claims 10 to 14,  
characterized in that  
a codec mode configuration is a combination of at least two  
codec modes.